

## WEST Search History

DATE: Friday, April 30, 2004

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		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	L1 and recrystal\$	22
<input type="checkbox"/>	L2	L1 same recrystal\$	3
<input type="checkbox"/>	L1	(record\$ or writ\$) same mark\$2 same length\$ same crystal\$ same amorphous\$ same (medi\$2 or dis\$2 or carrier)	64

END OF SEARCH HISTORY

## Hit List

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### Search Results - Record(s) 1 through 3 of 3 returned.

#### ☐ 1. Document ID: US 6661760 B2

L2: Entry 1 of 3

File: USPT

Dec 9, 2003

US-PAT-NO: 6661760

DOCUMENT-IDENTIFIER: US 6661760 B2

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: December 9, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.11; 369/116, 369/59.12, 369/59.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Dg
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#### ☐ 2. Document ID: US 6587425 B2

L2: Entry 2 of 3

File: USPT

Jul 1, 2003

US-PAT-NO: 6587425

DOCUMENT-IDENTIFIER: US 6587425 B2

TITLE: Multilevel recording and reproduction method and phase change multilevel recording medium

DATE-ISSUED: July 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/275.2; 369/288, 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Dg
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**3. Document ID: US 6411579 B1**

L2: Entry 3 of 3

File: USPT

Jun 25, 2002

US-PAT-NO: 6411579

DOCUMENT-IDENTIFIER: US 6411579 B1

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: June 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.12; 369/116, 369/47.5, 369/59.11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
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**Search Results - Record(s) 1 through 22 of 22 returned.**☐ 1. Document ID: US 6723411 B2

L3: Entry 1 of 22

File: USPT

Apr 20, 2004

US-PAT-NO: 6723411

DOCUMENT-IDENTIFIER: US 6723411 B2

TITLE: Information recording medium and method for manufacturing an information recording medium

DATE-ISSUED: April 20, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirotsune; Akemi	Saitama			JP
Miyamoto; Makoto	Ome			JP
Shintani; Toshimichi	Kodaira			JP
Andoo; Keikichi	Musashino			JP
Anzai; Yumiko	Ome			JP
Kurokawa; Takahiro	Kokubunji			JP

US-CL-CURRENT: 428/64.1; 428/64.5, 428/64.6, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 2. Document ID: US 6703098 B2

L3: Entry 2 of 22

File: USPT

Mar 9, 2004

US-PAT-NO: 6703098

DOCUMENT-IDENTIFIER: US 6703098 B2

TITLE: Information recording medium and method for manufacturing information recording medium

DATE-ISSUED: March 9, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirotsune; Akemi	Saitama			JP
Terao; Motoyasu	Hinode			JP

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Ushiyama; Junko	Kokubunji	JP
Minemura; Hiroyuki	Kokubunji	JP
Andoo; Keikichi	Musashino	JP
Anzai; Yumiko	Ome	JP
Miyamoto; Makoto	Ome	JP

US-CL-CURRENT: 428/64.1; 428/64.5, 428/64.6, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 3. Document ID: US 6661760 B2

L3: Entry 3 of 22

File: USPT

Dec 9, 2003

US-PAT-NO: 6661760

DOCUMENT-IDENTIFIER: US 6661760 B2

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: December 9, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.11; 369/116, 369/59.12, 369/59.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 4. Document ID: US 6608806 B2

L3: Entry 4 of 22

File: USPT

Aug 19, 2003

US-PAT-NO: 6608806

DOCUMENT-IDENTIFIER: US 6608806 B2

TITLE: Information recording method and apparatus with suppressed mark edge jitters

DATE-ISSUED: August 19, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyamoto; Makoto	Ome			JP
Toda; Tsuyoshi	Kodaira			JP
Ohtake; Masatoshi	Ome			JP
Terao; Motoyasu	Tokyo			JP
Ushiyama; Junko	Kodaira			JP
Andoo; Keikichi	Musashino			JP

Anzai; Yumiko	Ome	JP
Hirotsune; Akemi	Higashimurayama	JP
Nishida; Tetsuya	Tokyo	JP
Saga; Hideki	Kokubunji	JP

US-CL-CURRENT: 369/59.11; 369/116

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KAMC	Draw De
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☐ 5. Document ID: US 6587425 B2

L3: Entry 5 of 22

File: USPT

Jul 1, 2003

US-PAT-NO: 6587425

DOCUMENT-IDENTIFIER: US 6587425 B2

TITLE: Multilevel recording and reproduction method and phase change multilevel recording medium

DATE-ISSUED: July 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/275.2; 369/288, 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KAMC	Draw De
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☐ 6. Document ID: US 6567367 B2

L3: Entry 6 of 22

File: USPT

May 20, 2003

US-PAT-NO: 6567367

DOCUMENT-IDENTIFIER: US 6567367 B2

TITLE: Multilevel recording and reproduction method and phase change multilevel recording medium

DATE-ISSUED: May 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/116; 369/275.3, 369/47.51

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 7. Document ID: US 6529467 B2

L3: Entry 7 of 22

File: USPT

Mar 4, 2003

US-PAT-NO: 6529467

DOCUMENT-IDENTIFIER: US 6529467 B2

TITLE: Information recording method and apparatus with suppressed mark edge jitters

DATE-ISSUED: March 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyamoto; Makoto	Ome			JP
Toda; Tsuyoshi	Kodaira			JP
Ohtake; Masatoshi	Ome			JP
Terao; Motoyasu	Tokyo			JP
Ushiyama; Junko	Kodaira			JP
Andoo; Keikichi	Musashino			JP
Anzai; Yumiko	Ome			JP
Hirotsune; Akemi	Higashimurayama			JP
Nishida; Tetsuya	Tokyo			JP
Saga; Hideki	Kokubunji			JP

US-CL-CURRENT: 369/116; 369/47.5, 369/59.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 8. Document ID: US 6515952 B1

L3: Entry 8 of 22

File: USPT

Feb 4, 2003

US-PAT-NO: 6515952

DOCUMENT-IDENTIFIER: US 6515952 B1

TITLE: Optical recording method

DATE-ISSUED: February 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kikukawa; Takashi	Tokyo			JP
Utsunomiya; Hajime	Tokyo			JP

US-CL-CURRENT: 369/59.12; 369/116

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 9. Document ID: US 6459670 B1

L3: Entry 9 of 22

File: USPT

Oct 1, 2002

US-PAT-NO: 6459670

DOCUMENT-IDENTIFIER: US 6459670 B1

TITLE: Optical information recording method and optical information recording device

DATE-ISSUED: October 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuwahara; Maho	Kawasaki			JP
Hasegawa; Hiroshi	Yokosuka			JP

US-CL-CURRENT: 369/59.12; 369/47.51, 369/59.24

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw. De
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☐ 10. Document ID: US 6411579 B1

L3: Entry 10 of 22

File: USPT

Jun 25, 2002

US-PAT-NO: 6411579

DOCUMENT-IDENTIFIER: US 6411579 B1

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: June 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.12; 369/116, 369/47.5, 369/59.11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw. De
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☐ 11. Document ID: US 6406772 B2

L3: Entry 11 of 22

File: USPT

Jun 18, 2002

US-PAT-NO: 6406772

DOCUMENT-IDENTIFIER: US 6406772 B2

\*\* See image for Certificate of Correction \*\*



TITLE: Optical recording medium and method for making

DATE-ISSUED: June 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tominaga; Junji	Tsukuba			JP
Kuribayashi; Isamu	Nagano			JP
Takahashi; Makoto	Nagano			JP
Kikukawa; Takashi	Nagano			JP

US-CL-CURRENT: 428/64.1; 428/64.5, 428/64.6, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Drawn De
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☐ 12. Document ID: US 6340555 B1

L3: Entry 12 of 22

File: USPT

Jan 22, 2002

US-PAT-NO: 6340555

DOCUMENT-IDENTIFIER: US 6340555 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Information recording medium and information recording and reproducing apparatus using the same

DATE-ISSUED: January 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyamoto; Makoto	Ome			JP
Terao; Motoyasu	Tokyo			JP
Fukui; Yukio	Tokyo			JP
Tokushuku; Nobuhiro	Yokohama			JP
Andoo; Keikichi	Musashino			JP
Nishida; Tetsuya	Tokyo			JP
Hirotsune; Akemi	Higashimurayama			JP
Miyauchi; Yasushi	Akishima			JP
Moritani; Koichi	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 428/64.2, 428/64.5, 428/64.6, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Drawn De
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☐ 13. Document ID: US 6242157 B1

L3: Entry 13 of 22

File: USPT

Jun 5, 2001

US-PAT-NO: 6242157  
DOCUMENT-IDENTIFIER: US 6242157 B1

TITLE: Optical recording medium and method for making

DATE-ISSUED: June 5, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tominaga; Junji	Tsukuba			JP
Kuribayashi; Isamu	Nagano			JP
Takahashi; Makoto	Nagano			JP
Kikukawa; Takashi	Nagano			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/288, 428/64.5, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw. De
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☐ 14. Document ID: US 6192024 B1

L3: Entry 14 of 22

File: USPT

Feb 20, 2001

US-PAT-NO: 6192024  
DOCUMENT-IDENTIFIER: US 6192024 B1

TITLE: Optical recording medium

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Inoue; Hiroyasu	Nagano			JP
Kato; Tatsuya	Nagano			JP
Utsunomiya; Hajime	Nagano			JP

US-CL-CURRENT: 369/275.3; 369/275.1, 369/275.4, 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw. De
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☐ 15. Document ID: US 6169722 B1

L3: Entry 15 of 22

File: USPT

Jan 2, 2001

US-PAT-NO: 6169722  
DOCUMENT-IDENTIFIER: US 6169722 B1

TITLE: Phase change type optical recording medium having minute length recorded marks

DATE-ISSUED: January 2, 2001

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## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kikukawa; Takashi	Tokyo			JP
Utsunomiya; Hajime	Tokyo			JP

US-CL-CURRENT: 369/275.4; 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw De
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☐ 16. Document ID: US 6159573 A

L3: Entry 16 of 22

File: USPT

Dec 12, 2000

US-PAT-NO: 6159573

DOCUMENT-IDENTIFIER: US 6159573 A

TITLE: Rewritable optical information medium

DATE-ISSUED: December 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL

US-CL-CURRENT: 428/64.1; 369/283, 369/288, 428/457, 428/64.4, 428/64.5, 428/64.6,  
428/913, 430/270.13, 430/495.1, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw De
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☐ 17. Document ID: US 6132932 A

L3: Entry 17 of 22

File: USPT

Oct 17, 2000

US-PAT-NO: 6132932

DOCUMENT-IDENTIFIER: US 6132932 A

TITLE: Information recording medium and information recording and reproducing apparatus using the same

DATE-ISSUED: October 17, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyamoto; Makoto	Ome			JP
Terao; Motoyasu	Tokyo			JP
Fukui; Yukio	Tokyo			JP
Tokushuku; Nobuhiro	Yokohama			JP
Andoo; Keikichi	Musashino			JP
Nishida; Tetsuya	Tokyo			JP
Hirotsune; Akemi	Higashimurayama			JP

Miyauchi; Yasushi                      Akishima                      JP  
Moritani; Koichi                      Yokohama                      JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 428/64.2, 428/64.5, 428/64.6,  
428/913, 428/914, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOC	Draw D
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☐ 18. Document ID: US 6115352 A

L3: Entry 18 of 22

File: USPT

Sep 5, 2000

US-PAT-NO: 6115352

DOCUMENT-IDENTIFIER: US 6115352 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Optical information recording medium capable of rewriting data at low reflectance and deterioration condition

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Tsuboya; Kanako	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/275.4; 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOC	Draw D
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☐ 19. Document ID: US 6115351 A

L3: Entry 19 of 22

File: USPT

Sep 5, 2000

US-PAT-NO: 6115351

DOCUMENT-IDENTIFIER: US 6115351 A

TITLE: Phase change optical recording medium and its writing with high reliability after long period use and/or high environmental temperature storage

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Utsunomiya; Hajime	Nagano			JP
Kato; Tatsuya	Nagano			JP
Inoue; Hiroyasu	Nagano			JP

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US-CL-CURRENT: 369/275.2; 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 20. Document ID: US 6108295 A

L3: Entry 20 of 22

File: USPT

Aug 22, 2000

US-PAT-NO: 6108295

DOCUMENT-IDENTIFIER: US 6108295 A

TITLE: Optical information recording medium

DATE-ISSUED: August 22, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Tsuboya; Kanako	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/275.2; 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 21. Document ID: US 6096400 A

L3: Entry 21 of 22

File: USPT

Aug 1, 2000

US-PAT-NO: 6096400

DOCUMENT-IDENTIFIER: US 6096400 A

TITLE: Optical recording medium

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Inoue; Hiroyasu	Nagano			JP
Kato; Tatsuya	Nagano			JP
Utsunomiya; Hajime	Nagano			JP

US-CL-CURRENT: 428/64.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 22. Document ID: US 5688574 A

L3: Entry 22 of 22

File: USPT

Nov 18, 1997

US-PAT-NO: 5688574

DOCUMENT-IDENTIFIER: US 5688574 A

TITLE: Optical recording medium

DATE-ISSUED: November 18, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tamura; Reiichi	Kitasouma-gun			JP
Ikari; Yoshihiro	Kitasouma-gun			JP
Taii; Toshiaki	Kitasouma-gun			JP
Ota; Norio	Tsukuba-gun			JP

US-CL-CURRENT: 428/64.1; 369/283, 369/288, 428/457, 428/64.2, 428/64.4, 428/64.5,  
428/64.6, 428/913, 430/270.12, 430/270.13, 430/495.1, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNHC	Draw D
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Terms	Documents
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